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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/529,541	01/13/2006	Akio Sumizawa	029267.56097US	4562
23911 7590 04/27/2009 CROWELL & MORING LLP INTELLECTUAL PROPERTY GROUP P.O. BOX 14300 WASHINGTON, DC 20044-4300			EXAMINER SHECHTMAN, CHERYL MARIA	
			ART UNIT 2159	PAPER NUMBER
			MAIL DATE 04/27/2009	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/529,541

**Applicant(s)**

SUMIZAWA ET AL.

**Examiner**

CHERYL M. SHECHTMAN

**Art Unit**

2159

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 15 January 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-11 and 14-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 and 14-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 March 2005 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/808)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_
- Paper No(s)/Mail Date 1/15/09

**DETAILED ACTION**

1. This communication is in response to Amendment filed January 15, 2009. Claims 1-11 and 14-22 are pending. Claims 1-9, 11, and 14-22 are amended. Claims 12 and 13 are cancelled.

***Response to Arguments***

2. Referring to the objections to claims 1, 2, 4, 6, and 7, Applicant's amendments to the claims have obviated the claim objections.
3. Referring to the 35 USC 112 second paragraph rejections of claims 1-22, Applicant's amendments are acknowledged. However, Applicant's amendments to some of the claims now raise new 35 USC 112 deficiencies.
4. Referring to the 35 USC 101 rejection of claims 1 and 2, Applicant's amendments to the claims are acknowledged. As such, the 35 USC 101 rejection of claims 1 and 2 are withdrawn.
5. Applicant's arguments with respect to claims 1-11 and 14-22 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 1 and 2 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Referring to claim 1, the claim recites the limitation "integrated name data that provides common name information for a road passing through the map area blocks in common with the map area blocks". However it is unclear as to what the Applicant means by the limitation "the map area blocks in common with the map area blocks".

Claim 2 is also rejected by virtue of its dependency upon rejected claim 1.

Due to the 35 USC 112 deficiencies stated above, claims have been examined as best understood by the Examiner.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. Claims 1-11 and 14-22 are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent Number 6,320,518 issued to Saeki et al (hereafter Saeki), as disclosed by Applicant.

Referring to claim 1, Saeki discloses a computer readable storage medium having stored therein distribution map data used to distribute a map through communication (map data, Abstract; see Fig. 1), the distribution map data comprising:

- road data in correspondence to each of a plurality of map area blocks (figure parts, col. 3, lines 22-24), wherein the road data provides position information indicating positions of roads within the map area blocks (figure parts registered with combined information such as coordinate information, col. 8, lines 24-64); and
- integrated name data that provides common name information for a road passing through the map area blocks in common with the map area blocks (common road information stored with figure parts, see Fig. 2B).

Referring to claim 3, Saeki discloses a distribution map data generating method for generating distribution map data used to distribute a map through communication (map data, Abstract; col. 6; see Fig. 1), comprising:

- extracting road data (figure parts, col. 3, lines 22-24) and name data over map area blocks to indicate a route passing through the map area blocks (attribute information such as name of a road, col. 8, lines 24-64, see Fig. 2A), from road map data that provides position information indicating positions of roads in each of the map area blocks (coordinate information, col. 8, lines 24-64; see supplemental node list Fig. 2A) and that provides name information indicating names in each of the roads in the map area blocks (col. 8, lines 51-56, see Fig. 2A);

- generating integrated name data by integrating name information for a single road in the extracted name data, so as to provide common name information for the single road in common with the map area blocks (common road information, see Fig. 2B); and
- generating the distribution map data by using the extracted road data and the integrated name data (figure parts are stored together with combined information as map data in the map database unit, col. 8, lines 51-67, Fig. 2A-B).

Referring to claim 6, the claim is similar to claim 3 in the form of an apparatus (Abstract) and is hereby rejected for the same reasons as claim 3 addressed above.

Referring to claims 2, 4, and 7, Saeki discloses that the distribution map data includes the road data in each of a plurality of map layers set in correspondence to different specific scaling factors (priority settings, col. 8, lines 7-13; col. 10, lines 38-55, Fig. 3, 4 and 10; col. 2, lines 30-36) and the integrated name data provides the common name information for the road in common with the plurality of map layers as well (static priority settings are set for common road name, see Fig. 2B).

Referring to claims 5, 8, 14 and 15, Saeki discloses that the route is determined as a road from a start point to an end point based upon the road data; and when extracting the road data and the name data indicating the route, road data and name data contained in an area ranging over a predetermined width along the route are

extracted based upon the road map data (higher priority setting made for objects within range 50m-100m, col. 13, line 37 – col. 14 line 47; see also col. 16, line 52- col. 17, line 14; Fig 15 and 17; col. 19, line 57 – col. 20, line 36, Fig. 8).

Referring to claims 9 and 16-18, Saeki discloses a reception device that receives the distribution map transmitted from an external source and a display device that displays the route on a monitor based upon the road data in the received distribution map data and that displays names of roads on the route based upon the integrated name data in the received distribution map data (mobile terminal receives and displays map information, col. 15, lines 18-25, Fig. 16; col. 20, lines 28-36; Fig. 1 and corresponding portions of specification).

Referring to claims 10 and 19-21, Saeki discloses a first position determining device that determines display positions at which the names of the roads on the route are displayed by the display device based on the road types of the roads on the route (priority setting can be made by road type, col. 8, lines 27-67, see Fig. 2A-B).

Referring to claims 11 and 22, Saeki discloses a second position determining device that determines display positions at which the names of the roads on the route are displayed by the display device so as to orient the names paralleled to inclinations of the route (target overlap display, col. 1, lines 34-62; col. 9, line 61 – col. 10, line 8).

***Conclusion***

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl M Shechtman who can be reached on (571) 272-4018. The examiner can normally be reached on 9:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trujillo can be reached on (571) 272-3677. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.



Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Cheryl M Shechtman/

Examiner, Art Unit 2159

/Wilson Lee/

Primary Examiner, Art Unit 2163

April 24, 2009